

PRELIMINARY AMENDMENT

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Title: ANTIFUSE STRUCTURES, METHODS, AND APPLICATIONS

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overhangs the opening.

60. (Amended) A method of making an antifuse in an integrated-circuit assembly, the method comprising:

[a step for] forming an opening in an insulative layer, with the opening exposing at least one conductor;

[a step for] forming a metal layer in the opening;

[a step for] forming a metal-oxide layer on the metal layer and within the opening,

[a step for] forming a conductive layer on the metal-oxide layer and within the opening;

[a step for] forming at least one conductive member on the insulative layer which overhangs the opening; and

[a step for] at least partially saturating the metal layer with a gas comprising more than trace quantities of hydrogen or nitrogen.

Remarks

The specification has been amended to add priority information.

Claims 52 and 60 have been amended, and claims 72-94 have been added. Claims 1-94 are pending in this application.

Respectfully submitted,

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